

## Section II-iii-A

### Soil Erodibility (K) Factor and Soil-loss Tolerance (T) Value

#### General

Soil erodibility factors (K) and soil-loss tolerances (T) are used in an equation that predicts the amount of soil loss resulting from rainfall erosion of cropland. The soil-loss prediction procedure is useful to guide the selection of practices for soil and water conservation. The procedure is outlined and illustrated in Agricultural Handbook No. 537.

#### Soil Erodibility (K) Factor

The soil erodibility factor "K" indicates the susceptibility of a soil to sheet and rill erosion by water. Soil properties that influence erodibility by water are: (1) Those that affect infiltration rate, movement of water through the soil, and water storage capacity; and (2) those that resist dispersion, splashing, abrasion, and transporting forces from rainfall and runoff. Soil properties that are most important are percent silt plus very fine sand, percent organic matter, percent sand coarser than very fine sand, structure, and permeability. "K<sub>w</sub>" is an erodibility factor which quantifies the susceptibility of the soil particles to detachment and movement by water, this factor is adjusted for the effect of rock fragments. "K<sub>f</sub>" is an erodibility factor which quantifies the susceptibility of the soil particles to detachment by water.

#### Soil-loss Tolerance (T) Factor

The soil-loss tolerance factor "T" is an estimate of the maximum annual rate of soil erosion that can occur over a sustained period without affecting crop productivity. The rate is expressed in tons of soil loss per acre per year. Rates of 1 through 5 are used, depending upon soil properties and prior erosion.

Soil-loss tolerances were subjectively evaluated, based on the following general guides:

1. Maintenance of an adequate rooting depth for crop production.
2. Potential crop yield reduction.
3. Maintenance of water control structures affected by sedimentation.
4. Prevention of gullies.
5. Value of nutrients lost.

#### Wind Erosion

Potential erodibility from wind erosion is estimated by multiplying the following factors of the Wind Erosion Equation (WEQ).

1. Climatic characterization of windspeed and surface soil moisture (C)
2. The susceptibility of the soil to wind erosion (I)

The erodibility index for wind erosion is represented by the formula  $CI/T$ . A soil map unit is highly erodible if the  $CI/T$  value equals or exceeds 8.

## Physical Properties of the Soils

Franklin County Area And Part Of Somerset County, Maine

Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
AdB: Adams	0-4	---	---	0-5	1.00-1.30	6-20	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	4-28	---	---	0-5	1.10-1.45	6-20	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	28-65	---	---	0-5	1.20-1.50	20-100	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
AdC: Adams	0-4	---	---	0-5	1.00-1.30	6-20	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	4-28	---	---	0-5	1.10-1.45	6-20	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	28-65	---	---	0-5	1.20-1.50	20-100	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
AdD: Adams	0-4	---	---	0-5	1.00-1.30	6-20	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	4-28	---	---	0-5	1.10-1.45	6-20	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	28-65	---	---	0-5	1.20-1.50	20-100	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
AED: Adams	0-4	---	---	0-5	1.00-1.30	6-20	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	4-28	---	---	0-5	1.10-1.45	6-20	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	28-65	---	---	0-5	1.20-1.50	20-100	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
Colton	0-5	---	---	1-7	1.10-1.40	6-100	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	5-28	---	---	0-5	1.25-1.55	6-100	0.02-0.05	0.0-2.9	0.0	.15	.17			
	28-65	---	---	0-3	1.45-1.65	20-100	0.01-0.02	0.0-2.9	---	.10	.17			
AFC: Adams	0-4	---	---	0-5	1.00-1.30	6-20	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	4-28	---	---	0-5	1.10-1.45	6-20	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	28-65	---	---	0-5	1.20-1.50	20-100	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
AFC: Croghan	0-5	---	---	0-5	1.10-1.50	6-20	0.05-0.09	0.0-2.9	2.0-9.0	.17	.17	5	2	134
	5-34	---	---	0-5	1.20-1.50	20-100	0.03-0.07	0.0-2.9	1.0-3.0	.17	.17			
	34-65	---	---	0-5	1.20-1.50	20-100	0.03-0.06	0.0-2.9	0.0-0.5	.17	.17			
AgA: Allagash	0-5	---	---	3-13	0.95-1.25	0.6-2	0.16-0.22	0.0-2.9	0.0-2.0	.28	.28	3	3	86
	5-21	---	---	2-12	1.20-1.50	0.6-2	0.10-0.24	0.0-2.9	0.5-4.0	.28	.28			
	21-65	---	---	2-5	1.35-1.65	6-20	0.06-0.18	0.0-2.9	0.0-0.5	.28	.28			
AgB: Allagash	0-5	---	---	3-13	0.95-1.25	0.6-2	0.16-0.22	0.0-2.9	0.0-2.0	.28	.28	3	3	86
	5-21	---	---	2-12	1.20-1.50	0.6-2	0.10-0.24	0.0-2.9	0.5-4.0	.28	.28			
	21-65	---	---	2-5	1.35-1.65	6-20	0.06-0.18	0.0-2.9	0.0-0.5	.28	.28			
AgC: Allagash	0-5	---	---	3-13	0.95-1.25	0.6-2	0.16-0.22	0.0-2.9	0.0-2.0	.28	.28	3	3	86
	5-21	---	---	2-12	1.20-1.50	0.6-2	0.10-0.24	0.0-2.9	0.5-4.0	.28	.28			
	21-65	---	---	2-5	1.35-1.65	6-20	0.06-0.18	0.0-2.9	0.0-0.5	.28	.28			
BeB: Berkshire	0-7	---	---	3-10	1.10-1.15	0.6-6	0.10-0.22	0.0-2.9	2.0-5.0	.24	.24	5	3	86
	7-30	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	---	.32	.37			
	30-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.24	.28			
BeC: Berkshire	0-7	---	---	3-10	1.10-1.15	0.6-6	0.10-0.22	0.0-2.9	2.0-5.0	.24	.24	5	3	86
	7-30	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	---	.32	.37			
	30-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.24	.28			
BkC:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
BkC: Berkshire	0-4	---	---	3-10	1.10-1.15	0.6-6	0.06-0.22	0.0-2.9	2.0-5.0	.20	.24	5	8	0
	4-32	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	0.5-2.0	.32	.37			
	32-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	0.0-0.5	.24	.28			
BkD: Berkshire	0-4	---	---	3-10	1.10-1.15	0.6-6	0.06-0.22	0.0-2.9	2.0-5.0	.20	.24	5	8	0
	4-32	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	0.5-2.0	.32	.37			
	32-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	0.0-0.5	.24	.28			
BoB: Boothbay	0-10	---	---	10-25	1.00-1.30	0.6-2	0.22-0.30	0.0-2.9	3.0-6.0	.32	.32	2	5	56
	10-18	---	---	18-35	1.20-1.50	0.06-0.6	0.14-0.22	0.0-2.9	0.5-2.0	.49	.49			
	18-65	---	---	18-35	1.55-2.00	0.06-0.6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
BoC: Boothbay	0-10	---	---	10-25	1.00-1.30	0.6-2	0.22-0.30	0.0-2.9	3.0-6.0	.32	.32	2	5	56
	10-18	---	---	18-35	1.20-1.50	0.06-0.6	0.14-0.22	0.0-2.9	0.5-2.0	.49	.49			
	18-65	---	---	18-35	1.55-2.00	0.06-0.6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
BpB: Brayton	0-7	---	---	4-10	1.00-1.30	0.6-2	0.18-0.25	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	7-14	---	---	4-10	1.40-1.65	0.6-2	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	14-65	---	---	4-10	1.70-2.00	0.06-0.6	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
BrB: Brayton	0-6	---	---	4-10	1.00-1.30	0.6-2	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	2	8	0
	6-14	---	---	4-10	1.40-1.65	0.6-2	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	14-65	---	---	4-10	1.70-2.00	0.06-0.6	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
BrC:														

## Physical Properties of the Soils - Continued

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										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
BrC: Brayton	0-6	---	---	4-10	1.00-1.30	0.6-2	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	2	8	0
	6-14	---	---	4-10	1.40-1.65	0.6-2	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	14-65	---	---	4-10	1.70-2.00	0.06-0.6	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
BSB: Brayton	0-6	---	---	4-10	1.00-1.30	0.6-2	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	2	8	0
	6-14	---	---	4-10	1.40-1.65	0.6-2	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	14-65	---	---	4-10	1.70-2.00	0.06-0.6	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
Colonel	0-6	---	---	3-10	0.90-1.20	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-20	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
BTB: Brayton	0-6	---	---	4-10	1.00-1.30	0.6-2	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	2	8	0
	6-14	---	---	4-10	1.40-1.65	0.6-2	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	14-65	---	---	4-10	1.70-2.00	0.06-0.6	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
Peacham	0-8	---	---	0	0.30-0.50	0.2-6	0.32-0.42	0.0-2.9	20-60	---	---	3	8	0
	8-20	---	---	3-10	1.20-1.40	0.6-2	0.11-0.22	0.0-2.9	0.5-10	.28	.32			
	20-65	---	---	3-10	1.80-2.00	0.001-0.2	0.02-0.06	0.0-2.9	0.0-0.5	.28	.32			
Markey	0-37	---	---	0	0.15-0.45	0.2-6	0.35-0.45	---	55-85	---	---	2	2	134
	37-65	---	---	0-10	1.40-1.65	6-20	0.03-0.08	0.0-2.9	0.0-2.0	.10	.15			
BW: Bucksport	0-3	---	---	0	0.10-0.30	0.2-6	0.20-0.50	---	80-99	---	---	3	8	0
	3-37	---	---	0	0.10-0.30	0.2-6	0.20-0.50	---	80-99	---	---			
	37-65	---	---	0	0.10-0.30	0.2-6	0.20-0.50	---	80-90	---	---			
Markey	0-37	---	---	0	0.15-0.45	0.2-6	0.35-0.45	---	55-85	---	---	2	2	134
	37-65	---	---	0-10	1.40-1.65	6-20	0.03-0.08	0.0-2.9	0.0-2.0	.10	.15			

## Physical Properties of the Soils - Continued

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										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
<b>BW:</b>														
<b>Ca:</b>														
Charles	0-4	---	---	2-18	0.90-1.35	0.6-2	0.20-0.40	0.0-2.9	5.0-10	.32	.32	5	3	86
	4-58	---	---	2-18	1.00-1.50	0.6-2	0.20-0.40	0.0-2.9	1.0-4.0	.49	.49			
	58-65	---	---	0-3	1.20-1.50	0.6-100	0.04-0.20	0.0-2.9	0.5-3.0	.20	---			
<b>CG:</b>														
Charles	0-4	---	---	2-18	0.90-1.35	0.6-2	0.20-0.40	0.0-2.9	5.0-10	.32	.32	5	3	86
	4-58	---	---	2-18	1.00-1.50	0.6-2	0.20-0.40	0.0-2.9	1.0-4.0	.49	.49			
	58-65	---	---	0-3	1.20-1.50	0.6-100	0.04-0.20	0.0-2.9	0.5-3.0	.20	---			
Medomak	0-11	---	---	2-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	2.0-10	.32	.28	5	8	0
	11-36	---	---	2-10	1.10-1.35	0.6-2	0.20-0.30	0.0-2.9	0.5-2.0	.49	.49			
	36-65	---	---	2-10	1.30-1.50	0.6-2	0.20-0.30	0.0-2.9	0.0-2.0	.49	.49			
Cornish	0-8	---	---	2-17	0.95-1.35	0.6-2	0.20-0.45	0.0-2.9	2.0-8.0	.32	.32	5	3	86
	8-62	---	---	2-12	0.95-1.45	0.6-2	0.18-0.45	0.0-2.9	0.5-2.0	.49	.49			
	62-65	---	---	1-8	1.10-1.50	0.6-100	0.04-0.25	0.0-2.9	0.0-1.0	.20	---			
<b>ChB:</b>														
Chesuncook	0-7	---	---	5-15	0.70-1.20	0.6-2	0.20-0.40	0.0-2.9	3.0-8.0	.28	.28	3	5	56
	7-20	---	---	10-18	0.90-1.60	0.6-2	0.20-0.38	0.0-2.9	0.5-3.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
<b>ChC:</b>														
Chesuncook	0-7	---	---	5-15	0.70-1.20	0.6-2	0.20-0.40	0.0-2.9	3.0-8.0	.28	.28	3	5	56
	7-20	---	---	10-18	0.90-1.60	0.6-2	0.20-0.38	0.0-2.9	0.5-3.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
<b>ChD:</b>														

## Physical Properties of the Soils - Continued

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										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
ChD: Chesuncook	0-7	---	---	5-15	0.70-1.20	0.6-2	0.20-0.40	0.0-2.9	3.0-8.0	.28	.28	3	5	56
	7-20	---	---	10-18	0.90-1.60	0.6-2	0.20-0.38	0.0-2.9	0.5-3.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
CkB: Chesuncook	0-4	---	---	5-15	0.70-0.90	0.6-2	0.18-0.29	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-18	---	---	10-18	0.70-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
CkC: Chesuncook	0-4	---	---	5-15	0.70-0.90	0.6-2	0.18-0.29	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-18	---	---	10-18	0.70-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
CkD: Chesuncook	0-4	---	---	5-15	0.70-0.90	0.6-2	0.18-0.29	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-18	---	---	10-18	0.70-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
CLD: Chesuncook	0-4	---	---	5-15	0.70-0.90	0.6-2	0.18-0.29	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-18	---	---	10-18	0.70-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
CnB: Colonel	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	2	3	86
	7-16	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-2.0	.24	.28			
	16-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
CnB:														
CnC: Colonel	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	2	3	86
	7-16	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-2.0	.24	.28			
	16-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
CoB: Colonel	0-6	---	---	3-10	0.90-1.20	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-20	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
CoC: Colonel	0-6	---	---	3-10	0.90-1.20	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-20	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
CPC: Colonel	0-6	---	---	3-10	0.90-1.20	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	6-20	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	20-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
CsB: Colton	0-5	---	---	1-7	1.10-1.40	6-100	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	5-28	---	---	0-5	1.25-1.55	6-100	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	28-65	---	---	0-3	1.45-1.65	20-100	0.01-0.02	0.0-2.9	0.0	.10	.17			
CsC:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
CsC: Colton	0-5	---	---	1-7	1.10-1.40	6-100	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	5-28	---	---	0-5	1.25-1.55	6-100	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	28-65	---	---	0-3	1.45-1.65	20-100	0.01-0.02	0.0-2.9	0.0	.10	.17			
CsD: Colton	0-5	---	---	1-7	1.10-1.40	6-100	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	5-28	---	---	0-5	1.25-1.55	6-100	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	28-65	---	---	0-3	1.45-1.65	20-100	0.01-0.02	0.0-2.9	0.0	.10	.17			
CTC: Colton	0-5	---	---	1-7	1.10-1.40	6-100	0.09-0.12	0.0-2.9	2.0-6.0	.20	.24	5	3	86
	5-28	---	---	0-5	1.25-1.55	6-100	0.02-0.05	0.0-2.9	0.0-0.5	.15	.17			
	28-65	---	---	0-3	1.45-1.65	20-100	0.01-0.02	0.0-2.9	0.0	.10	.17			
Sheepscot	0-4	---	---	3-5	1.00-1.30	0.6-6	0.11-0.21	0.0-2.9	2.0-6.0	.17	.17	2	3	86
	4-16	---	---	1-5	1.20-1.50	0.6-6	0.06-0.15	0.0-2.9	0.5-1.0	.10	.15			
	16-25	---	---	0-3	1.45-1.70	6-100	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	25-65	---	---	0-3	1.45-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
CuB: Croghan	0-5	---	---	0-5	1.10-1.50	6-20	0.05-0.09	0.0-2.9	2.0-9.0	.17	.17	5	2	134
	5-34	---	---	0-5	1.20-1.50	20-100	0.03-0.07	0.0-2.9	1.0-2.0	.17	.17			
	34-65	---	---	0-5	1.20-1.50	20-100	0.03-0.06	0.0-2.9	0.0-0.5	.17	.17			
DfB: Dixfield	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	7-24	---	---	3-10	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	24-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DfC:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
DfC: Dixfield	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	7-24	---	---	3-10	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	24-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DfD: Dixfield	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	7-24	---	---	3-10	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	24-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DgB: Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DgC: Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DgD: Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
DMC: Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
Marlow	0-6	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	0.0-2.0	.20	.24	3	3	86
	6-23	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-1.0	.32	.37			
	23-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
DMC:														
DTC:														
Dixfield	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	3	3	86
	7-22	---	---	3-10	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.24	.28			
	22-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
Colonel	0-7	---	---	3-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	4.0-8.0	.20	.20	2	3	86
	7-17	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-2.0	.24	.28			
	17-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
DUD:														
Dixfield	0-5	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	5-24	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	24-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
Colonel	0-2	---	---	3-10	0.90-1.20	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.17	.20	2	8	0
	2-18	---	---	3-10	1.00-1.60	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.24	.28			
	18-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.15	0.0-2.9	0.0-0.5	.20	.24			
ECC:														
Elliottsville	0-3	---	---	5-15	0.70-1.00	0.6-2	0.18-0.32	0.0-2.9	1.0-4.0	.24	.28	2	8	0
	3-18	---	---	10-18	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.28	.32			
	18-31	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	31-35	---	---	---	---	0.010-20	---	---	---	---	---			
Chesuncook	0-4	---	---	5-15	0.70-0.90	0.6-2	0.18-0.29	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-18	---	---	10-18	0.70-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
ECC:	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
EMC: Elliottsville	0-3	---	---	5-15	0.70-1.00	0.6-2	0.18-0.32	0.0-2.9	1.0-4.0	.24	.28	2	8	0
	3-18	---	---	10-18	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.28	.32			
	18-31	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	31-35	---	---	---	---	0.010-20	---	---	---	---	---			
Monson	0-2	---	---	5-15	0.70-1.00	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.24	.28	1	8	0
	2-18	---	---	10-18	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	2.0-4.0	.28	.32			
	18-22	---	---	---	---	0.010-20	---	---	---	---	---			
EME: Elliottsville	0-3	---	---	5-15	0.70-1.00	0.6-2	0.18-0.32	0.0-2.9	1.0-4.0	.24	.28	2	8	0
	3-18	---	---	10-18	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.28	.32			
	18-31	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	31-35	---	---	---	---	0.010-20	---	---	---	---	---			
Monson	0-2	---	---	5-15	0.70-1.00	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.24	.28	1	8	0
	2-18	---	---	10-18	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	2.0-4.0	.28	.32			
	18-22	---	---	---	---	0.010-20	---	---	---	---	---			
EtB: Elliottsville	0-7	---	---	5-15	0.90-1.10	0.6-2	0.22-0.35	0.0-2.9	3.0-8.0	.28	.28	2	5	56
	7-17	---	---	10-18	1.10-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.28	.32			
	17-30	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	30-34	---	---	---	---	0.010-20	---	---	---	---	---			
Thorndike	0-7	---	---	8-10	1.00-1.30	0.6-2	0.12-0.24	0.0-2.9	2.0-8.0	.20	.24	1	7	38
	7-11	---	---	5-10	1.00-1.30	0.6-2	0.09-0.22	0.0-2.9	0.5-3.0	.17	.24			
	11-15	---	---	---	---	0.010-20	---	---	---	---	---			
EtC:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
EtC: Elliottsville	0-7	---	---	5-15	0.90-1.10	0.6-2	0.22-0.35	0.0-2.9	3.0-8.0	.28	.28	2	5	56
	7-17	---	---	10-18	1.10-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.28	.32			
	17-30	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	30-34	---	---	---	---	0.010-20	---	---	---	---	---			
Thorndike	0-7	---	---	8-10	1.00-1.30	0.6-2	0.12-0.24	0.0-2.9	2.0-8.0	.20	.24	1	7	38
	7-11	---	---	5-10	1.00-1.30	0.6-2	0.09-0.22	0.0-2.9	0.5-3.0	.17	.24			
	11-15	---	---	---	---	0.010-20	---	---	---	---	---			
EtD: Elliottsville	0-7	---	---	5-15	0.90-1.10	0.6-2	0.22-0.35	0.0-2.9	3.0-8.0	.28	.28	2	5	56
	7-17	---	---	10-18	1.10-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-3.0	.28	.32			
	17-30	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	30-34	---	---	---	---	0.010-20	---	---	---	---	---			
Thorndike	0-7	---	---	8-10	1.00-1.30	0.6-2	0.12-0.24	0.0-2.9	2.0-8.0	.20	.24	1	7	38
	7-11	---	---	5-10	1.00-1.30	0.6-2	0.09-0.22	0.0-2.9	0.5-3.0	.17	.24			
	11-15	---	---	---	---	0.010-20	---	---	---	---	---			
Fr: Fryeburg	0-10	---	---	2-13	1.10-1.35	0.6-2	0.20-0.40	0.0-2.9	2.0-6.0	.32	.32	5	5	56
	10-35	---	---	2-13	0.90-1.35	0.6-2	0.20-0.45	0.0-2.9	1.0-4.0	.49	.49			
	35-65	---	---	2-13	1.00-1.40	0.6-2	0.18-0.40	0.0-2.9	0.5-3.0	.49	.49			
HeC: Hermon	0-2	---	---	2-6	0.85-1.20	2-20	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	2-5	---	---	2-6	0.85-1.20	2-20	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	5-19	---	---	2-7	0.85-1.30	2-20	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
	19-65	---	---	1-4	1.10-1.70	6-100	0.02-0.06	0.0-2.9	0.0-0.5	.10	.17			
HeD:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
HeD: Hermon	0-2	---	---	2-6	0.85-1.20	2-20	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	2-5	---	---	2-6	0.85-1.20	2-20	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	5-19	---	---	2-7	0.85-1.30	2-20	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
	19-65	---	---	1-4	1.10-1.70	6-100	0.02-0.06	0.0-2.9	0.0-0.5	.10	.17			
HMC: Hermon	0-2	---	---	2-6	0.85-1.20	2-20	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	2-5	---	---	2-6	0.85-1.20	2-20	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	5-19	---	---	2-7	0.85-1.30	2-20	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
	19-65	---	---	1-4	1.10-1.70	6-100	0.02-0.06	0.0-2.9	0.0-0.5	.10	.17			
Monadnock	0-5	---	---	1-8	0.80-1.20	0.6-2	0.10-0.20	0.0-2.9	3.0-8.0	.24	.28	3	3	86
	5-27	---	---	1-8	0.80-1.30	0.6-2	0.09-0.17	0.0-2.9	0.0-1.0	.28	.32			
	27-65	---	---	1-5	1.30-1.60	2-6	0.04-0.08	0.0-2.9	0.0	.17	.24			
HME: Hermon	0-2	---	---	2-6	0.85-1.20	2-20	0.07-0.15	0.0-2.9	0.0-2.0	.10	.17	5	8	0
	2-5	---	---	2-6	0.85-1.20	2-20	0.07-0.20	0.0-2.9	3.0-7.0	.10	.15			
	5-19	---	---	2-7	0.85-1.30	2-20	0.05-0.10	0.0-2.9	0.5-3.0	.10	.17			
	19-65	---	---	1-4	1.10-1.70	6-100	0.02-0.06	0.0-2.9	0.0-0.5	.10	.17			
Monadnock	0-5	---	---	1-8	0.80-1.20	0.6-2	0.10-0.20	0.0-2.9	3.0-8.0	.24	.28	3	3	86
	5-27	---	---	1-8	0.80-1.30	0.6-2	0.09-0.17	0.0-2.9	0.0-1.0	.28	.32			
	27-65	---	---	1-5	1.30-1.60	2-6	0.04-0.08	0.0-2.9	0.0	.17	.24			
Lc: Lovewell	0-11	---	---	2-14	0.95-1.35	0.6-2	0.20-0.35	0.0-2.9	2.0-8.0	.32	.32	5	3	86
	11-23	---	---	2-15	0.95-1.40	0.6-2	0.20-0.45	0.0-2.9	0.5-2.0	.49	.49			
	23-65	---	---	2-10	1.10-1.50	0.6-2	0.18-0.40	0.0-2.9	0.0-1.0	.49	.49			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
Lc: Cornish	0-8	---	---	2-17	0.95-1.35	0.6-2	0.20-0.45	0.0-2.9	2.0-8.0	.32	.32	5	3	86
	8-62	---	---	2-12	0.95-1.45	0.6-2	0.18-0.45	0.0-2.9	0.5-2.0	.49	.49			
	62-65	---	---	1-8	1.10-1.50	0.6-100	0.04-0.25	0.0-2.9	0.0-1.0	.20	---			
Ld: Lovewell	0-11	---	---	2-14	0.95-1.35	0.6-2	0.20-0.35	0.0-2.9	2.0-8.0	.32	.32	5	3	86
	11-23	---	---	2-15	0.95-1.40	0.6-2	0.20-0.45	0.0-2.9	0.5-2.0	.49	.49			
	23-65	---	---	2-10	1.10-1.50	0.6-2	0.18-0.40	0.0-2.9	0.0-1.0	.49	.49			
Cornish	0-8	---	---	2-17	0.95-1.35	0.6-2	0.20-0.45	0.0-2.9	2.0-8.0	.32	.32	5	3	86
	8-62	---	---	2-12	0.95-1.45	0.6-2	0.18-0.45	0.0-2.9	0.5-2.0	.49	.49			
	62-65	---	---	1-8	1.10-1.50	0.6-100	0.04-0.25	0.0-2.9	0.0-1.0	.20	---			
LmE: Lyman	0-3	---	---	2-10	0.75-1.20	2-6	0.13-0.24	0.0-2.9	2.0-8.0	.20	.28	1	3	86
	3-15	---	---	2-10	0.90-1.40	2-6	0.08-0.28	0.0-2.9	2.0-6.0	.32	.37			
	15-19	---	---	---	---	0.010-20	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	8	0	
Tunbridge	0-5	---	---	5-9	0.80-1.20	0.6-6	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	5-18	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	18-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			
LNC: Lyman	0-3	---	---	2-10	0.75-1.20	2-6	0.13-0.24	0.0-2.9	2.0-8.0	.20	.28	1	3	86
	3-15	---	---	2-10	0.90-1.40	2-6	0.08-0.28	0.0-2.9	2.0-6.0	.32	.37			
	15-19	---	---	---	---	0.010-20	---	---	---	---	---			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
LNC: Tunbridge	0-5	---	---	5-9	0.80-1.20	0.6-6	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	5-18	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	18-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			
Abram	0-5	---	---	1-10	0.90-1.10	2-6	0.15-0.25	0.0-2.9	2.0-4.0	.15	.28	1	8	0
	5-9	---	---	---	---	0.010-20	---	---	---	---	---			
LNE: Lyman	0-3	---	---	2-10	0.75-1.20	2-6	0.13-0.24	0.0-2.9	---	.20	.28	1	---	---
	3-15	---	---	2-10	0.90-1.40	2-6	0.08-0.28	0.0-2.9	---	.32	.37			
	15-19	---	---	---	---	0.010-20	---	---	---	---	---			
Tunbridge	0-5	---	---	5-9	0.80-1.20	0.6-6	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	5-18	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	18-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			
Abram	0-5	---	---	1-10	0.90-1.10	2-6	0.15-0.25	0.0-2.9	2.0-4.0	.15	.28	1	8	0
	5-9	---	---	---	---	0.010-20	---	---	---	---	---			
LyC: Lyman	0-3	---	---	2-10	0.75-1.20	2-6	0.13-0.24	0.0-2.9	2.0-8.0	.20	.28	1	3	86
	3-15	---	---	2-10	0.90-1.40	2-6	0.08-0.28	0.0-2.9	2.0-6.0	.32	.37			
	15-19	---	---	---	---	0.010-20	---	---	---	---	---			
Tunbridge	0-5	---	---	5-9	0.80-1.20	0.6-6	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	5-18	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	18-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	8	0	

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
LyC:														
MaB:														
Madawaska	0-8	---	---	3-13	0.95-1.25	0.6-2	0.16-0.25	0.0-2.9	2.0-9.0	.28	.28	3	3	86
	8-24	---	---	2-12	1.00-1.50	0.6-2	0.10-0.22	0.0-2.9	0.5-4.0	.28	.28			
	24-65	---	---	0-5	1.25-1.65	6-20	0.06-0.18	0.0-2.9	0.0-0.5	.17	.17			
MDB:														
Madawaska	0-8	---	---	3-13	0.95-1.25	0.6-2	0.16-0.25	0.0-2.9	2.0-9.0	.28	.28	3	3	86
	8-24	---	---	2-12	1.00-1.50	0.6-2	0.10-0.22	0.0-2.9	0.5-4.0	.28	.28			
	24-65	---	---	0-5	1.25-1.65	6-20	0.06-0.18	0.0-2.9	0.0-0.5	.17	.17			
Allagash	0-5	---	---	3-13	0.95-1.25	0.6-2	0.16-0.22	0.0-2.9	0.0-2.0	.28	.28	3	3	86
	5-21	---	---	2-12	1.20-1.50	0.6-2	0.10-0.24	0.0-2.9	0.5-4.0	.28	.28			
	21-65	---	---	2-5	1.35-1.65	6-20	0.06-0.18	0.0-2.9	0.0-0.5	.28	.28			
MeB:														
Marlow	0-7	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	2.0-6.0	.24	.24	3	3	86
	7-22	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
MeC:														
Marlow	0-7	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	2.0-6.0	.24	.24	3	3	86
	7-22	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
MeD:														
Marlow	0-7	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	2.0-6.0	.24	.24	3	3	86
	7-22	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	22-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
MfB:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
MfB: Marlow	0-6	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	0.0-2.0	.20	.24	3	3	86
	6-23	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	23-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
MfC: Marlow	0-6	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	0.0-2.0	.20	.24	3	3	86
	6-23	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	23-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
MfD: Marlow	0-6	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	0.0-2.0	.20	.24	3	3	86
	6-23	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	23-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
MGD: Marlow	0-6	---	---	3-10	1.00-1.30	0.6-2	0.10-0.23	0.0-2.9	0.0-2.0	.20	.24	3	3	86
	6-23	---	---	3-10	1.30-1.60	0.6-2	0.06-0.20	0.0-2.9	0.5-2.0	.32	.37			
	23-65	---	---	3-10	1.70-2.05	0.06-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.20	.24			
Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
MhB: Masardis	0-3	---	---	5-12	0.85-1.15	2-6	0.12-0.23	0.0-2.9	0.0-2.0	.17	.17	2	3	86
	3-14	---	---	5-12	0.90-1.20	2-6	0.06-0.15	0.0-2.9	1.0-4.0	.10	.15			
	14-28	---	---	1-8	1.00-1.40	6-100	0.03-0.10	0.0-2.9	0.5-2.0	.10	.20			
	28-65	---	---	0-5	1.40-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
MhC:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
MhC: Masardis	0-3	---	---	5-12	0.85-1.15	2-6	0.12-0.23	0.0-2.9	0.0-2.0	.17	.17	2	3	86
	3-14	---	---	5-12	0.90-1.20	2-6	0.06-0.15	0.0-2.9	1.0-4.0	.10	.15			
	14-28	---	---	1-8	1.00-1.40	6-100	0.03-0.10	0.0-2.9	0.5-2.0	.10	.20			
	28-65	---	---	0-5	1.40-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
MhD: Masardis	0-3	---	---	5-12	0.85-1.15	2-6	0.12-0.23	0.0-2.9	0.0-2.0	.17	.17	2	3	86
	3-14	---	---	5-12	0.90-1.20	2-6	0.06-0.15	0.0-2.9	1.0-4.0	.10	.15			
	14-28	---	---	1-8	1.00-1.40	6-100	0.03-0.10	0.0-2.9	0.5-2.0	.10	.20			
	28-65	---	---	0-5	1.40-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
MKE: Masardis	0-3	---	---	5-12	0.85-1.15	2-6	0.12-0.23	0.0-2.9	0.0-2.0	.17	.17	2	3	86
	3-14	---	---	5-12	0.90-1.20	2-6	0.06-0.15	0.0-2.9	1.0-4.0	.10	.15			
	14-28	---	---	1-8	1.00-1.40	6-100	0.03-0.10	0.0-2.9	0.5-2.0	.10	.20			
	28-65	---	---	0-5	1.40-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
Adams	0-4	---	---	0-5	1.00-1.30	6-20	0.06-0.12	0.0-2.9	2.0-5.0	.17	.17	5	2	134
	4-28	---	---	0-5	1.10-1.45	6-20	0.03-0.10	0.0-2.9	1.0-3.0	.17	.17			
	28-65	---	---	0-5	1.20-1.50	20-100	0.03-0.04	0.0-2.9	0.0-0.5	.17	.17			
MLC: Masardis	0-3	---	---	5-12	0.85-1.15	2-6	0.12-0.23	0.0-2.9	0.0-2.0	.17	.17	2	3	86
	3-14	---	---	5-12	0.90-1.20	2-6	0.06-0.15	0.0-2.9	1.0-4.0	.10	.15			
	14-28	---	---	1-8	1.00-1.40	6-100	0.03-0.10	0.0-2.9	0.5-2.0	.10	.20			
	28-65	---	---	0-5	1.40-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			
Sheepscot	0-4	---	---	3-5	1.00-1.30	0.6-6	0.11-0.21	0.0-2.9	2.0-6.0	.17	.17	2	3	86
	4-16	---	---	1-5	1.20-1.50	0.6-6	0.06-0.15	0.0-2.9	0.5-1.0	.10	.15			
	16-25	---	---	0-3	1.45-1.70	6-100	0.02-0.09	0.0-2.9	0.5-1.0	.10	.20			
	25-65	---	---	0-3	1.45-1.70	6-100	0.01-0.06	0.0-2.9	0.0-0.5	.05	.17			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
Mm: Medomak	0-11	---	---	2-10	0.90-1.20	0.6-2	0.20-0.30	0.0-2.9	2.0-10	.32	.28	5	8	0
	11-36	---	---	2-10	1.10-1.35	0.6-2	0.20-0.30	0.0-2.9	0.5-2.0	.49	.49			
	36-65	---	---	2-10	1.30-1.50	0.6-2	0.20-0.30	0.0-2.9	0.0-2.0	.49	.49			
MNC: Monadnock	0-5	---	---	1-8	0.80-1.20	0.6-2	0.10-0.20	0.0-2.9	3.0-8.0	.24	.28	3	3	86
	5-27	---	---	1-8	0.80-1.30	0.6-2	0.09-0.17	0.0-2.9	0.0-1.0	.28	.32			
	27-65	---	---	1-5	1.30-1.60	2-6	0.04-0.08	0.0-2.9	0.0	.17	.24			
Berkshire	0-4	---	---	3-10	1.10-1.15	0.6-6	0.06-0.22	0.0-2.9	2.0-5.0	.20	.24	5	8	0
	4-32	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	0.5-2.0	.32	.37			
	32-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	0.0-0.5	.24	.28			
MNE: Monadnock	0-5	---	---	1-8	0.80-1.20	0.6-2	0.10-0.20	0.0-2.9	3.0-8.0	.24	.28	3	3	86
	5-27	---	---	1-8	0.80-1.30	0.6-2	0.09-0.17	0.0-2.9	0.0-1.0	.28	.32			
	27-65	---	---	1-5	1.30-1.60	2-6	0.04-0.08	0.0-2.9	0.0	.17	.24			
Berkshire	0-4	---	---	3-10	1.10-1.15	0.6-6	0.06-0.22	0.0-2.9	2.0-5.0	.20	.24	5	8	0
	4-32	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	0.5-2.0	.32	.37			
	32-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	0.0-0.5	.24	.28			
MrB: Monarda	0-7	---	---	10-18	1.00-1.30	0.6-6	0.17-0.32	0.0-2.9	3.0-8.0	.28	.28	2	5	56
	7-15	---	---	10-18	1.30-1.70	0.001-2	0.15-0.32	0.0-2.9	0.0-4.0	.28	.32			
	15-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			
MsB: Monarda	0-6	---	---	10-18	1.00-1.30	0.6-6	0.15-0.30	0.0-2.9	0.0-8.0	.20	.28	2	8	0
	6-17	---	---	10-18	1.30-1.70	0.001-2	0.15-0.25	0.0-2.9	0.0-4.0	.28	.32			
	17-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
MTB: Monarda	0-6	---	---	10-18	1.00-1.30	0.6-6	0.15-0.30	0.0-2.9	0.0-8.0	.20	.28	2	8	0
	6-17	---	---	10-18	1.30-1.70	0.001-2	0.15-0.25	0.0-2.9	0.0-4.0	.28	.32			
	17-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			
Burnham	0-9	---	---	0	0.10-0.30	0.2-6	0.32-0.42	---	25-70	---	---	2	8	0
	9-25	---	---	10-18	1.30-1.70	0.2-0.6	0.16-0.35	0.0-2.9	0.5-10	.28	.32			
	25-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			
Bucksport	0-3	---	---	0	0.10-0.30	0.2-6	0.20-0.50	---	80-99	---	---	3	8	0
	3-37	---	---	0	0.10-0.30	0.2-6	0.20-0.50	---	80-99	---	---			
	37-65	---	---	0	0.10-0.30	0.2-6	0.20-0.50	---	80-90	---	---			
MUB: Monarda	0-6	---	---	10-18	1.00-1.30	0.6-6	0.15-0.30	0.0-2.9	0.0-8.0	.20	.28	2	8	0
	6-17	---	---	10-18	1.30-1.70	0.001-2	0.15-0.25	0.0-2.9	0.0-4.0	.28	.32			
	17-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
MVC: Monson	0-2	---	---	5-15	0.70-1.00	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.24	.28	1	8	0
	2-18	---	---	10-18	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	2.0-4.0	.28	.32			
	18-22	---	---	---	---	0.010-20	---	---	---	---	---			
Elliottsville	0-3	---	---	5-15	0.70-1.00	0.6-2	0.18-0.32	0.0-2.9	1.0-4.0	.24	.28	2	8	0
	3-18	---	---	10-18	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.28	.32			
	18-31	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	31-35	---	---	---	---	0.010-20	---	---	---	---	---			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
MVC: Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
Nb: Naumburg	0-7	---	---	1-5	1.20-1.50	2-6	0.05-0.09	0.0-2.9	3.0-7.0	.17	.17	5	2	134
	7-25	---	---	1-5	1.20-1.50	6-20	0.06-0.08	0.0-2.9	0.5-2.0	.17	.17			
	25-65	---	---	1-5	1.45-1.65	6-20	0.04-0.06	0.0-2.9	0.0-0.5	.17	.17			
NS: Naumburg	0-7	---	---	1-5	1.20-1.50	2-6	0.05-0.09	0.0-2.9	3.0-7.0	.17	.17	5	2	134
	7-25	---	---	1-5	1.20-1.50	6-20	0.06-0.08	0.0-2.9	0.5-2.0	.17	.17			
	25-65	---	---	1-5	1.45-1.65	6-20	0.04-0.06	0.0-2.9	0.0-0.5	.17	.17			
Searsport	0-10	---	---	0	0.55-0.75	0.2-6	0.20-0.45	---	80-99	---	---	2	8	0
	10-16	---	---	1-5	1.15-1.35	6-100	0.01-0.13	0.0-2.9	3.0-20	.17	.17			
	16-40	---	---	0-2	1.35-1.55	6-100	0.01-0.09	0.0-2.9	0.0-0.5	.17	.17			
	40-65	---	---	0-2	1.35-1.55	6-100	0.01-0.09	0.0-2.9	0.0-0.5	.10	.15			
NvB: Nicholville	0-10	---	---	2-18	1.20-1.50	0.6-2	0.16-0.22	0.0-2.9	2.0-6.0	.49	.49	5	5	56
	10-21	---	---	2-18	1.20-1.50	0.6-2	0.15-0.20	0.0-2.9	0.0-4.0	.64	.64			
	21-37	---	---	2-18	1.45-1.65	0.6-2	0.10-0.20	0.0-2.9	0.0-4.0	.64	.64			
	37-65	---	---	2-18	1.45-1.65	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.49	.49			
NvC: Nicholville	0-10	---	---	2-18	1.20-1.50	0.6-2	0.16-0.22	0.0-2.9	2.0-6.0	.49	.49	5	5	56
	10-21	---	---	2-18	1.20-1.50	0.6-2	0.15-0.20	0.0-2.9	0.0-4.0	.64	.64			
	21-37	---	---	2-18	1.45-1.65	0.6-2	0.10-0.20	0.0-2.9	0.0-4.0	.64	.64			
	37-65	---	---	2-18	1.45-1.65	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.49	.49			
PeB:														

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
PeB: Peacham	0-8	---	---	0	0.30-0.50	0.2-6	0.32-0.42	0.0-2.9	20-60	---	---	3	8	0
	8-20	---	---	3-10	1.20-1.40	0.6-2	0.11-0.22	0.0-2.9	0.5-10	.28	.32			
	20-65	---	---	3-10	1.80-2.00	0.001-0.2	0.02-0.06	0.0-2.9	0.0-0.5	.28	.32			
Brayton	0-6	---	---	4-10	1.00-1.30	0.6-2	0.18-0.28	0.0-2.9	4.0-8.0	.20	.28	2	8	0
	6-14	---	---	4-10	1.40-1.65	0.6-2	0.12-0.28	0.0-2.9	0.5-2.0	.32	.37			
	14-65	---	---	4-10	1.70-2.00	0.06-0.6	0.01-0.06	0.0-2.9	0.0-0.5	.24	.28			
Pr: Pits	0-60	---	---	0	---	---	0.00	---	---	---	---	---	8	0
Ps: Pits	0-6	---	---	0-1	---	6-100	0.01-0.02	0.0-2.9	0.0-0.1	.02	---	---	8	0
	6-60	---	---	0-1	---	6-100	0.01-0.02	0.0-2.9	---	.02	---			
RRE: Ricker	0-2	---	---	---	0.07-0.30	2-6	0.45-0.65	0.0-2.9	80-99	---	---	1	7	38
	2-5	---	---	---	0.15-0.60	2-6	0.35-0.45	0.0-2.9	20-60	---	---			
	5-7	---	---	3-18	1.35-1.80	0.6-6	0.06-0.18	0.0-2.9	0.0-0.5	.49	.55			
	7-11	---	---	---	---	0.010-20	---	---	---	---	---			
Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	8	0	
RSE: Ricker	0-2	---	---	---	0.07-0.30	2-6	0.45-0.65	0.0-2.9	80-99	---	---	1	7	38
	2-5	---	---	---	0.15-0.60	2-6	0.35-0.45	0.0-2.9	20-60	---	---			
	5-7	---	---	3-18	1.35-1.80	0.6-6	0.06-0.18	0.0-2.9	0.0-0.5	.49	.55			
	7-11	---	---	---	---	0.010-20	---	---	---	---	---			
Saddleback	0-5	---	---	1-5	1.00-1.20	0.6-2	0.15-0.22	0.0-2.9	0.0-2.0	.24	.28	1	8	0
	5-15	---	---	2-10	0.80-1.10	0.6-2	0.15-0.30	0.0-2.9	2.0-8.0	.28	.32			
	15-19	---	---	---	---	0.010-20	---	---	---	---	---			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
RSE:														
RYE: Rock Outcrop	0-60	---	---	---	---	---	---	---	---	---	---	---	8	0
Abram	0-5 5-9	---	---	1-10 ---	0.90-1.10 ---	2-6 0.010-20	0.15-0.25 ---	0.0-2.9 ---	2.0-4.0 ---	.15 ---	.28 ---	1	8	0
Lyman	0-3 3-15 15-19	---	---	2-10 2-10 ---	0.75-1.20 0.90-1.40 ---	2-6 2-6 0.010-20	0.13-0.24 0.08-0.28 ---	0.0-2.9 0.0-2.9 ---	2.0-8.0 2.0-6.0 ---	.20 .32 ---	.28 .37 ---	1	3	86
SAE: Saddleback	0-5 5-15 15-19	---	---	1-5 2-10 ---	1.00-1.20 0.80-1.10 ---	0.6-2 0.6-2 0.010-20	0.15-0.22 0.15-0.30 ---	0.0-2.9 0.0-2.9 ---	0.0-2.0 2.0-8.0 ---	.24 .28 ---	.28 .32 ---	1	8	0
Mahoosuc	0-5 5-65	---	---	0 0	0.07-0.60 ---	20-100 20-100	0.35-0.45 0.00-0.01	0.0-2.9 0.0-2.9	80-99 0.0-0.5	---	---	1	5	56
Sisk	0-4 4-24 24-65	---	---	3-10 3-15 3-15	0.90-1.10 1.20-1.30 1.60-1.90	0.6-2 0.6-2 0.001-0.6	0.15-0.25 0.15-0.25 0.06-0.12	0.0-2.9 0.0-2.9 0.0-2.9	0.0-2.0 2.0-10 0.0-0.5	.28 .32 .32	.32 .37 .37	3	8	0
SKD: Sisk	0-4 4-24 24-65	---	---	3-10 3-15 3-15	0.90-1.10 1.20-1.30 1.60-1.90	0.6-2 0.6-2 0.001-0.6	0.15-0.25 0.15-0.25 0.06-0.12	0.0-2.9 0.0-2.9 0.0-2.9	0.0-2.0 2.0-10 0.0-0.5	.28 .32 .32	.32 .37 .37	3	8	0
Surplus	0-7 7-26 26-65	---	---	3-10 3-10 3-15	0.90-1.10 1.20-1.50 1.60-1.90	0.6-2 0.6-2 0.001-0.6	0.15-0.30 0.15-0.25 0.05-0.12	0.0-2.9 0.0-2.9 0.0-2.9	0.0-2.0 0.5-4.0 0.0-0.5	.28 .32 .32	.32 .37 .37	3	8	0

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
Sn: Sunday	0-9	---	---	0-5	1.25-1.55	6-100	0.08-0.17	0.0-2.9	1.0-3.0	.15	.15	5	2	134
	9-65	---	---	0-2	1.25-1.55	6-100	0.01-0.10	0.0-2.9	0.0-0.5	.15	.15			
SRC: Surplus	0-7	---	---	3-10	0.90-1.10	0.6-2	0.15-0.30	0.0-2.9	0.0-2.0	.28	.32	3	8	0
	7-26	---	---	3-10	1.20-1.50	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.32	.37			
	26-65	---	---	3-15	1.60-1.90	0.001-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.32	.37			
Bemis	0-13	---	---	3-18	1.20-1.65	0.6-2	0.12-0.25	0.0-2.9	0.0-8.0	.24	.28	2	8	0
	13-65	---	---	3-18	1.70-2.00	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.24	.28			
SSC: Surplus	0-7	---	---	3-10	0.90-1.10	0.6-2	0.15-0.30	0.0-2.9	0.0-2.0	.28	.32	3	8	0
	7-26	---	---	3-10	1.20-1.50	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.32	.37			
	26-65	---	---	3-15	1.60-1.90	0.001-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.32	.37			
Saddleback	0-5	---	---	1-5	1.00-1.20	0.6-2	0.15-0.22	0.0-2.9	0.0-2.0	.24	.28	1	8	0
	5-15	---	---	2-10	0.80-1.10	0.6-2	0.15-0.30	0.0-2.9	2.0-8.0	.28	.32			
	15-19	---	---	---	---	0.010-20	---	---	---	---	---			
Ricker	0-2	---	---	---	0.07-0.30	2-6	0.45-0.65	0.0-2.9	80-99	---	---	1	7	38
	2-5	---	---	---	0.15-0.60	2-6	0.35-0.45	0.0-2.9	20-60	---	---			
	5-7	---	---	3-18	1.35-1.80	0.6-6	0.06-0.18	0.0-2.9	0.0-0.5	.49	.55			
	7-11	---	---	---	---	0.010-20	---	---	---	---	---			
SVC: Surplus	0-7	---	---	3-10	0.90-1.10	0.6-2	0.15-0.30	0.0-2.9	0.0-2.0	.28	.32	3	8	0
	7-26	---	---	3-10	1.20-1.50	0.6-2	0.15-0.25	0.0-2.9	0.5-4.0	.32	.37			
	26-65	---	---	3-15	1.60-1.90	0.001-0.6	0.05-0.12	0.0-2.9	0.0-0.5	.32	.37			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
SVC: Sisk	0-4	---	---	3-10	0.90-1.10	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.32	3	8	0
	4-24	---	---	3-15	1.20-1.30	0.6-2	0.15-0.25	0.0-2.9	2.0-10	.32	.37			
	24-65	---	---	3-15	1.60-1.90	0.001-0.6	0.06-0.12	0.0-2.9	0.0-0.5	.32	.37			
Sw: Swanville	0-7	---	---	10-35	1.00-1.30	0.6-2	0.22-0.35	0.0-2.9	3.0-8.0	.28	.28	3	5	56
	7-24	---	---	18-35	1.20-1.70	0.06-0.6	0.14-0.30	0.0-2.9	0.5-3.0	.49	.49			
	24-65	---	---	18-35	1.55-2.00	0.06-0.6	0.10-0.27	0.0-2.9	0.0-0.5	.49	.49			
SYB: Swanville	0-7	---	---	10-35	1.00-1.30	0.6-2	0.22-0.35	0.0-2.9	3.0-8.0	.28	.28	3	5	56
	7-24	---	---	18-35	1.20-1.70	0.06-0.6	0.14-0.30	0.0-2.9	0.5-3.0	.49	.49			
	24-65	---	---	18-35	1.55-2.00	0.06-0.6	0.10-0.27	0.0-2.9	0.0-0.5	.49	.49			
Boothbay	0-10	---	---	10-25	1.00-1.30	0.6-2	0.22-0.30	0.0-2.9	3.0-6.0	.32	.32	2	5	56
	10-18	---	---	18-35	1.20-1.50	0.06-0.6	0.14-0.22	0.0-2.9	0.5-2.0	.49	.49			
	18-65	---	---	18-35	1.55-2.00	0.06-0.6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.49			
TeB: Telos	0-7	---	---	5-13	0.90-1.20	0.6-2	0.20-0.35	0.0-2.9	3.0-8.0	.28	.28	2	5	56
	7-18	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-3.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
TeC: Telos	0-7	---	---	5-13	0.90-1.20	0.6-2	0.20-0.35	0.0-2.9	3.0-8.0	.28	.28	2	5	56
	7-18	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-3.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
TfB: Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
TfB:														
TfC:														
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
THC:														
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
Chesuncook	0-4	---	---	5-15	0.70-0.90	0.6-2	0.18-0.29	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-18	---	---	10-18	0.70-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	18-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
TLB:														
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.10-0.20	0.0-2.9	0.0-2.0	.15	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
Monarda	0-6	---	---	10-18	1.00-1.30	0.6-6	0.10-0.15	0.0-2.9	0.0-5.0	.15	.28	2	8	0
	6-17	---	---	10-18	1.30-1.70	0.001-2	0.15-0.25	0.0-2.9	0.0-4.0	.28	.32			
	17-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			
TMB:														
Telos	0-4	---	---	5-13	0.70-1.00	0.6-2	0.15-0.25	0.0-2.9	0.0-2.0	.28	.28	3	8	0
	4-20	---	---	10-18	1.30-1.60	0.6-2	0.20-0.40	0.0-2.9	0.5-4.0	.32	.37			
	20-65	---	---	10-18	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.37			
Monarda	0-6	---	---	10-18	1.00-1.30	0.6-6	0.15-0.30	0.0-2.9	0.0-8.0	.20	.28	2	8	0
	6-17	---	---	10-18	1.30-1.70	0.001-2	0.15-0.25	0.0-2.9	0.0-4.0	.28	.32			
	17-65	---	---	10-18	1.70-1.95	0.001-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.28	.32			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw Kw	Kf Kf	T T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
<b>TMB:</b>														
Monson	0-2	---	---	5-15	0.70-1.00	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.24	.28	1	8	0
	2-18	---	---	10-18	1.30-1.60	0.6-2	0.20-0.30	0.0-2.9	2.0-4.0	.28	.32			
	18-22	---	---	---	---	0.010-20	---	---	---	---	---			
<b>TOC:</b>														
Thorndike	0-5	---	---	5-10	0.90-1.20	0.6-2	0.12-0.22	0.0-2.9	0.0-2.0	.17	.28	1	8	0
	5-14	---	---	5-10	1.00-1.30	0.6-2	0.09-0.22	0.0-2.9	0.5-4.0	.17	.24			
	14-18	---	---	---	---	0.010-20	---	---	---	---	---			
Elliottsville	0-3	---	---	5-15	0.70-1.00	0.6-2	0.18-0.32	0.0-2.9	1.0-4.0	.24	.28	2	8	0
	3-18	---	---	10-18	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.28	.32			
	18-31	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	31-35	---	---	---	---	0.010-20	---	---	---	---	---			
<b>TOE:</b>														
Thorndike	0-5	---	---	5-10	0.90-1.20	0.6-2	0.12-0.22	0.0-2.9	0.0-2.0	.17	.28	1	8	0
	5-14	---	---	5-10	1.00-1.30	0.6-2	0.09-0.22	0.0-2.9	0.5-4.0	.17	.24			
	14-18	---	---	---	---	0.010-20	---	---	---	---	---			
Elliottsville	0-3	---	---	5-15	0.70-1.00	0.6-2	0.18-0.32	0.0-2.9	1.0-4.0	.24	.28	2	8	0
	3-18	---	---	10-18	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.28	.32			
	18-31	---	---	10-18	1.40-1.70	0.6-2	0.15-0.25	0.0-2.9	0.0-0.5	.28	.32			
	31-35	---	---	---	---	0.010-20	---	---	---	---	---			
<b>TRC:</b>														
Tunbridge	0-5	---	---	5-9	0.80-1.20	0.6-6	0.11-0.21	0.0-2.9	2.0-8.0	.20	.24	2	8	0
	5-18	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.24			
	18-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			

## Physical Properties of the Soils - Continued

Franklin County Area And Part Of Somerset County, Maine

Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability  (Ksat)	Available Water Capacity	Linear Extensi-  bility Pct	Organic  Matter	Erosion Factors			Wind Erodi- bility Group	Wind Erodi- bility Index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
TRC: Berkshire	0-2	---	---	3-10	1.10-1.15	0.6-6	0.06-0.22	0.0-2.9	2.0-5.0	.20	.24	5	8	0
	2-32	---	---	3-10	1.15-1.30	0.6-6	0.10-0.20	0.0-2.9	0.5-2.0	.32	.37			
	32-65	---	---	1-10	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	0.0-0.5	.24	.28			
Dixfield	0-4	---	---	3-10	0.90-1.20	0.6-2	0.18-0.28	0.0-2.9	0.0-2.0	.17	.20	3	8	0
	4-25	---	---	3-10	1.00-1.60	0.6-2	0.20-0.30	0.0-2.9	0.5-4.0	.24	.28			
	25-65	---	---	3-10	1.65-1.95	0.06-0.6	0.08-0.20	0.0-2.9	0.0-0.5	.20	.24			
TuB: Tunbridge	0-7	---	---	5-9	0.80-1.20	0.6-6	0.14-0.23	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	7-16	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.20			
	16-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			
Lyman	0-7	---	---	2-10	0.75-1.20	2-6	0.08-0.25	0.0-2.9	1.0-4.0	.28	.28	1	---	---
	7-13	---	---	2-10	0.90-1.40	2-6	0.08-0.28	0.0-2.9	2.0-6.0	.32	.37			
	13-17	---	---	---	---	0.010-20	---	---	---	---	---			
TuC: Tunbridge	0-7	---	---	5-9	0.80-1.20	0.6-6	0.14-0.23	0.0-2.9	2.0-8.0	.24	.24	2	3	86
	7-16	---	---	3-9	1.20-1.40	0.6-6	0.10-0.21	0.0-2.9	2.0-6.0	.20	.20			
	16-32	---	---	3-7	1.20-1.50	0.6-6	0.09-0.15	0.0-2.9	1.0-2.0	.20	.24			
	32-36	---	---	---	---	0.010-20	---	---	---	---	---			
Lyman	0-7	---	---	2-10	0.75-1.20	2-6	0.08-0.25	0.0-2.9	1.0-4.0	.28	.28	1	---	---
	7-13	---	---	2-10	0.90-1.40	2-6	0.08-0.28	0.0-2.9	2.0-6.0	.32	.37			
	13-17	---	---	---	---	0.010-20	---	---	---	---	---			
Ud: Udorthents	0-65	---	---	1-15	1.00-2.00	0.06-100	0.01-0.20	0.0-2.9	0.5-10	---	---	5	---	---
Urban Land	0-6	---	---	---	---	---	0.00	---	---	---	---	---	---	---